

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	381/102-109,123,57.ccls. and (switch\$5 near2 engag\$3 near2 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:29
L2	2	381/102-109,123,57.ccls. and (switch\$5 near2 microphone) with (change modificat\$3 near2 (volume gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:20
L3	0	381/102-109,123,57.ccls. and (switch\$5 near2 microphone) with (change modificat\$3) with (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:21
L4	3	"381"/\$.ccls. and (switch\$5 near2 microphone) with (change modificat\$3) with (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:22
L5	12	"381"/\$.ccls. and (volume gain) with (control\$4 determin\$3) with (microphone near2 (off on))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:19
L6	9	(switch\$5 near2 engag\$3 near2 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:43
L7	969	(volume gain) near2 (control\$4 determin\$3) near3 (microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:31
L8	338	"381"/\$.ccls. and (volume gain) near2 (control\$4 determin\$3) near3 (microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:37
L9	575	"381"/\$.ccls. and ((manual rotary) near2 volume gain) with (control\$4 determin\$3) with (microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:38

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L10	6	"381"/\$.ccls. and ((manual rotary) near2 (volume gain)) with (control\$4 determin\$3) with (microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:39
L11	9	((manual rotary) near2 (volume gain)) with (control\$4 determin\$3) with (microphone) with switch\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:41
L12	12	((manual rotary) near2 (volume gain)) same ((control\$4 determin\$3) with (microphone) with switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:55
L13	467	(switch\$5 near2 (connect\$3 engag\$3 (turning adj2 on)) near2 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:43
L14	11	(two-way near2 radio) same (microphone with switch\$5 with (volume gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:47
L15	0	(manual rotary) near2 (volume gain) near3 (turn\$3 near2 (on off)) near3 microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:56
L16	0	(manual rotary) near2 (volume gain) with ((turn\$3 near2 (on off)) near3 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:56
L17	1	(manual rotary) near2 (volume gain) with ((turn\$3 near2 (on off)) with microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:56
L18	3	((change modificat\$3 adjust\$4) near2 (volume gain)) near3 (turn\$3 near2 (on off)) near3 microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:57
L19	6	((change modificat\$3 adjust\$4) near2 (volume gain)) with ((turn\$3 near2 (on off)) near3 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:58

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L20	89	"381"/123.ccls. and (microphone with switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:20
L21	56	"381"/123.ccls. and (microphone near3 switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:27
L22	0	("S17and(condensercapacitor")).PN.	USPAT	OR	OFF	2007/07/22 17:22
L23	2	((("5666426") or ("5844983"))).PN.	USPAT	OR	OFF	2007/07/22 17:22
L24	0	L23 and (condenser capacitor)	USPAT	OR	OFF	2007/07/22 17:22
L25	1	("5940520").URPN.	USPAT	OR	OFF	2007/07/22 17:25
L26	2	("5239579"   "5377273").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/22 17:25
L27	844	"381"/\$.ccls. and (microphone near3 switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:28
L28	5	"381"/\$.ccls. and (microphone near3 switch\$3 near2 (coupled connect\$2) near2 control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:29
L29	13	"379"/\$.ccls. and (microphone near3 switch\$3 near2 (coupled connect\$2) near2 control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:30
L30	10	"455"/\$.ccls. and (microphone near3 switch\$3 near2 (coupled connect\$2) near2 control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 17:30
S1	740	(381/104).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:23
S2	665	(381/107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:30

## EAST Search History

S3	297	(381/57).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:23
S4	1	sapashe.in. and audio same level same communication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:26
S5	624	(455/200.1,177.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:25
S6	1	S4 and (switch\$5 near3 microphone) and (manual same volume) and (background same initial)	US-PGPUB; USPAT	OR	OFF	2007/07/07 16:07
S7	5	lam.in. and audio same level same communication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:27
S8	154	motorola.AS. and audio same level same communication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:26
S9	0	S8 and (switch\$5 near3 microphone) and (manual same volume) and (background same initial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:27
S10	0	(two-way near2 radio) and (manual same volume) and (background near4 initial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 16:38
S11	1	(two-way near2 communication) and (manual same volume) and (background near4 initial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:29
S12	1	"381"/\$.ccls. and radio and (manual same volume) and (background near4 initial) and (switch\$5 near5 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:30

## EAST Search History

S13	409	(381/123).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:30
S14	1	455/200.1,177.1.ccls. and radio and (manual same volume) and (background near4 initial) and (switch\$5 near5 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 15:30
S15	1	S4 and (switch\$5 same microphone) and (manual same volume) and (background same initial)	US-PGPUB; USPAT	OR	OFF	2007/07/07 15:36
S16	1	S4 and ( microphone) and (manual same volume) and (background same initial)	US-PGPUB; USPAT	OR	OFF	2007/07/07 15:39
S17	2	((("5666426") or ("5844983"))).PN.	USPAT	OR	OFF	2007/07/22 17:22
S18	16	("5666426").URPN.	USPAT	OR	OFF	2007/07/07 15:40
S19	1	S18 and (switch\$5 near4 microphone)	USPAT	OR	OFF	2007/07/07 15:41
S20	22	381/102-109,123,57.ccls. and (switch\$5 near4 microphone) with (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:18
S21	7	("5771297").URPN.	USPAT	OR	OFF	2007/07/07 15:46
S22	2	("4395588"   "4628526").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/07 15:47
S23	1	S4 and (switch\$5 near3 microphone) and (manual same volume) and (background same initial same \$4speaker)	US-PGPUB; USPAT	OR	OFF	2007/07/07 16:10
S24	1	S4 and (switch\$5 near3 microphone) and (background same initial same \$4speaker)	US-PGPUB; USPAT	OR	OFF	2007/07/07 16:11
S25	1	S4 and (\$4speaker same adjust\$3)	US-PGPUB; USPAT	OR	OFF	2007/07/07 16:12
S26	1	S4 and (control\$3 same adjust\$3 same level)	US-PGPUB; USPAT	OR	OFF	2007/07/07 16:12
S27	3	381/102-109,123,57.ccls. and (switch\$5 near4 microphone) with manual with (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 16:16

## EAST Search History

S28	1	"455"/\$.ccls. and (switch\$5 near4 microphone) with manual with (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 16:16
S29	208	(two-way near2 radio) and (volume near2 control\$3) and (background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 17:45
S30	0	(two-way near2 radio) and (microphone with on with off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 17:46
S31	382	(two-way near2 radio) and (microphone with switch\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 17:47
S32	146	(two-way near2 radio) same (microphone with switch\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/22 16:47
S33	72	((two-way near2 radio) same (microphone with switch\$5)) and (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 17:55
S34	22	((two-way near2 radio) same (microphone with switch\$5)) same (volume gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 17:56
S35	60	(two-way near2 radio) and ((microphone with switch\$5) same (volume gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 17:58
S36	37	(two-way near2 radio) and ((microphone with switch\$5) same (volume near3 control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:00
S37	15	(microphone with switch\$5) same (manual near3 volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:07

## EAST Search History

S38	1	"381"/\$.ccls. and (microphone with switch\$5 with off with ambient) same (volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:07
S39	2	"381"/\$.ccls. and (microphone with switch\$5 with off) same ambient same (volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:39
S40	2	(microphone near3 switch\$5 near3 off) same ambient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:09
S41	7	"381"/\$.ccls. and (microphone with switch\$5 with off) same ambient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:40
S42	4	"455"/\$.ccls. and (microphone with switch\$5 with off) same ambient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:43
S43	99	"381"/\$.ccls. and (microphone with switch\$5) same ambient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:43
S44	20	"381"/\$.ccls. and (automatic\$5 with microphone with switch\$5) same ambient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/07 18:43
S45	20	381/102-109,123,57.ccls. and (switch\$5 near4 microphone near3 (in out off on))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 18:20
S46	146	"455"/\$.ccls. and (switch\$5 near4 microphone near3 (in out off on))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 18:20
S47	15	"455"/\$.ccls. and (switch\$5 near4 microphone near3 (in out off on)) and (two-way with radio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 18:27

## EAST Search History

S48	9	"455"/\$.ccls. and (two-way with radio) with (volume near2 control\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 18:41
S49	6	(two-way with radio) same (switch\$3 with engag\$3 with microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 18:42
S50	0	"381"/\$.ccls. and ((switch\$5 near4 microphone with off) same (ambient background)) and (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 19:11
S51	3	((switch\$5 near4 microphone with off) same (ambient background)) and (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 19:16
S52	32	((microphone with off) same (ambient background)) and (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 19:14
S53	16	((microphone near3 off) same (ambient background)) and (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 19:14
S54	31	((switch\$5 near4 microphone) same (ambient background)) and (vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/08 19:16